

Title (en)

Method and device for detecting a bridged tap within a telecommunication line

Title (de)

Verfahren und Vorrichtung zur Detektion von eines Brückenabgriffs innerhalb einer Telekommunikationsleitung

Title (fr)

Procédé et dispositif pour détecter un branchement en dérivation à l'intérieur d'une ligne de télécommunication

Publication

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Application

EP 12305672 A 20120613

Priority

EP 12305672 A 20120613

Abstract (en)

[origin: EP2675074A1] The present invention refers to a method (65) and device (17, 19, 39) for detecting a bridged tap (45, 53) within a telecommunication line (13). In order to reliably detect bridged taps of different types, in particular wire pair bridged taps and single wire bridged taps, and/or to determine a type (T) of each detected bridged tap it is suggested that the method comprise determining (73) first transfer function data (Hlog) that characterize an actual transfer function (57) of the telecommunication line; detecting (69) the bridged tap (45, 53) depending on the first transfer function data (Hlog); simulating (97) the telecommunication line (13) based on a result (Lt, L, k) of said detecting; and identifying (99) the type (T) of the bridged tap (45, 53) by comparing results (SHlog1, SHlog2) of said simulating with the first transfer function data (Hlog).

IPC 8 full level

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Cited by

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